

Remarks

Claims 4-15 and 44-69 are currently pending in the Application.

1. As to the objection to the specification

Applicants have replaced "partial recording information object" with --group information object – in the claims. As clearly described in FIG. 1 by way of example and not of limitation, the information storage medium comprises the recording information area and aggregate attribute information area. In the recording information area, one or more group information objects (VTS 3) are recorded. In the aggregate attribute information area, video manager 2 is recorded. The one or more group information objects (VTS 3) includes one or more unit audio information (PGC61) which are logically defined as a track by control data 11. Specifically, the PGC61 as a logical unit corresponds to a cell 20 as a physical unit. Further, VOB10 comprises the cell 20, and VTS 3 comprises the VOB10. By means of this logical and physical structure, the present invention can record one or more tracks in one VTS 3.

In addition, Applicants have replaced "one or more unit audio information object " with - one or more unit audio information – in the claims to clarify that the one or more unit audio information is a logical unit, but not a physical unit.

2. As to the rejections under 103(a)

The fields 14a - 14h indicate attribute of VTS. In Moriyama, only one attribute is allowed in one VTS. If one VTS includes a plurality of VOBS, the VOBS has the same attribute. In FIGS 7 and 8, a plurality of attributes are described in control data 11 in video manager 2. However, only one of them is allowed for one VTS. For example, if one VOB in one VTS has an audio coding mode of Dolby AC-3, the other VOBS in said

one VTS have to have the same coding mode, that is, Dolby AC-3. That is, this attribute indicates attribute of the VTS.

On the other hand, in the present invention, as described in FIG. 6 by way of example and not of limitation, the VTS#3(Group No. 3) has five tracks (No.1-5). Tracks#1 and #5 has attribute of "LPCM, 48k, 16bit, 2ch, E-ON". Tracks #2 - #4 has attribute of "LPCM, 96k, 24bit, 3ch, E-OFF". That is, in the present invention, different attribute for VOB is allowed in one VTS. Then, in the aggregate attribute information area, one or more unit audio information attribute information pieces indicate attributes of the one or more unit audio information objects (Track, PGC61), not of VTS. Further, the one or more unit audio information attribute information pieces are recorded in a one-to-one correspondence between each of attributes and each of the corresponding unit audio information objects.

Therefore, even if all of the attributes of the one or more unit audio information objects (Track, PGC61) are common, the one or more unit audio information attribute information pieces in the aggregate attribute information area are recorded in a one-to-one correspondence between the common attribute and each of the corresponding unit audio information objects. For example, even if all of Tracks has attribute of "LPCM, 96k, 24bit, 3ch, E-OFF", the one or more unit audio information attribute information pieces indicating "LPCM, 96k, 24bit, 3ch, E-OFF" are recorded in a one-to-one correspondence between "LPCM, 96k, 24bit, 3ch, E-OFF" and each of Tracks.

Therefore, attribute information of Moriyama is used for searching attribute in unit of VTS. However, one or more unit audio information attribute information pieces the present invention, which are correctively recorded in the aggregate attribute information area, are used for searching attribute for unit smaller than VTS.

Moriyama does not disclose, teach or suggest the above features of the present invention at all. The rejections should be withdrawn.

Conclusion

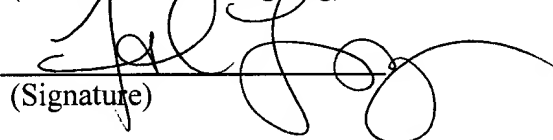
In view of the above, reconsideration and allowance of all the claims are respectfully solicited.

The Commissioner is authorized to charge any additional fees which may be required or credit overpayment to deposit account no. 12-0415. In particular, if this response is not timely filed, then the Commissioner is authorized to treat this response as including a petition to extend the time period pursuant to 37 CFR 1.136 (a) requesting an extension of time of the number of months necessary to make this response timely filed and the petition fee due in connection therewith may be charged to deposit account no. 12-0415.

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January 19, 2007
(Date)

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